

Figure 1

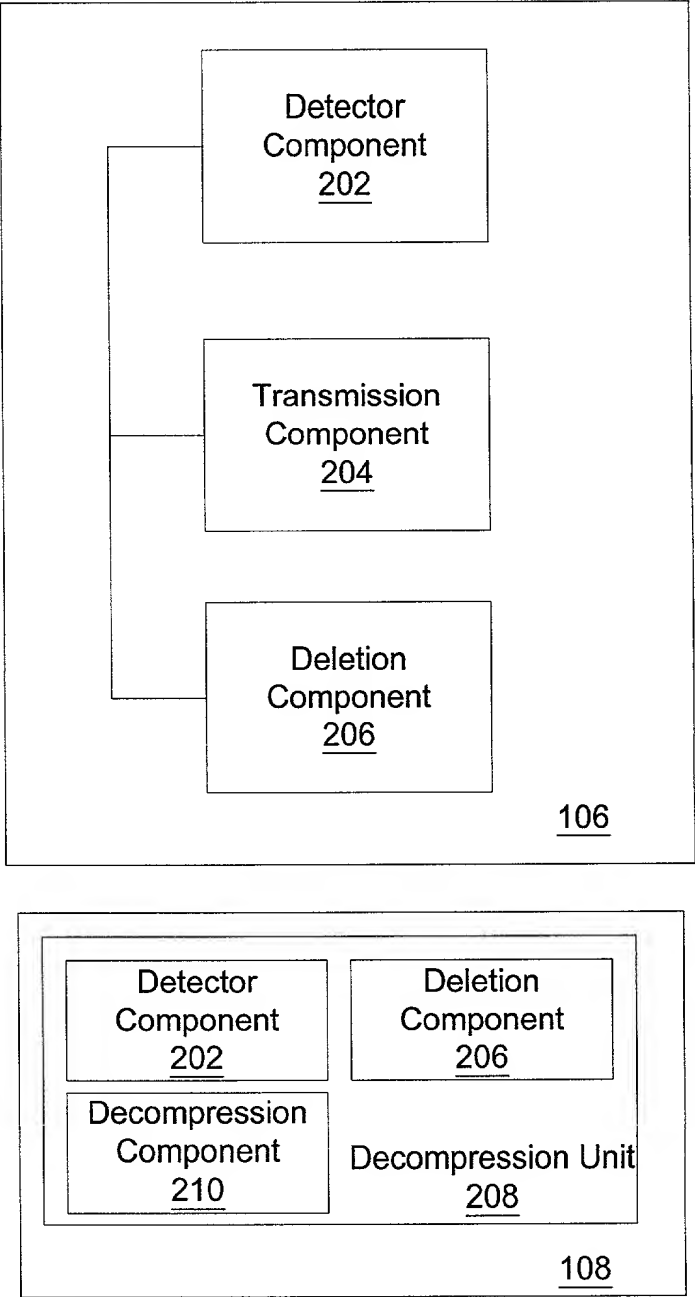


Figure 2

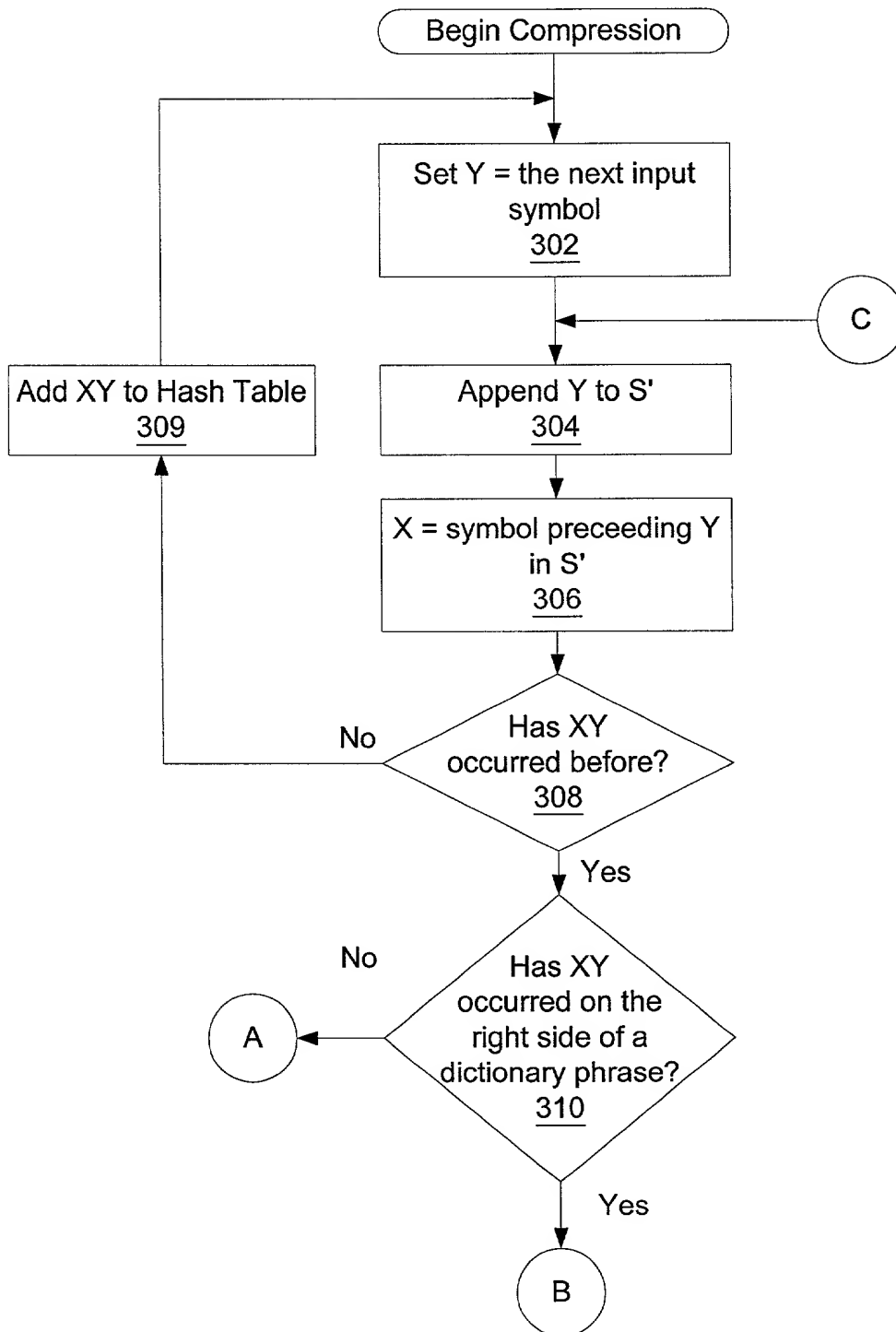


Figure 3a

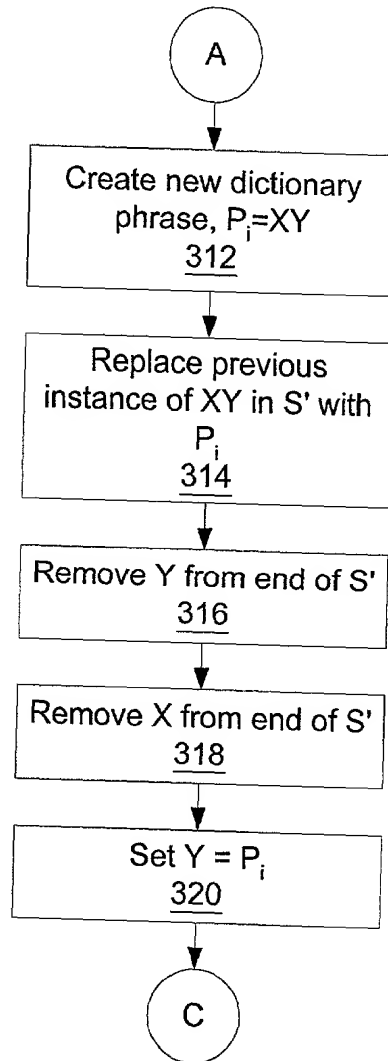


Figure 3b

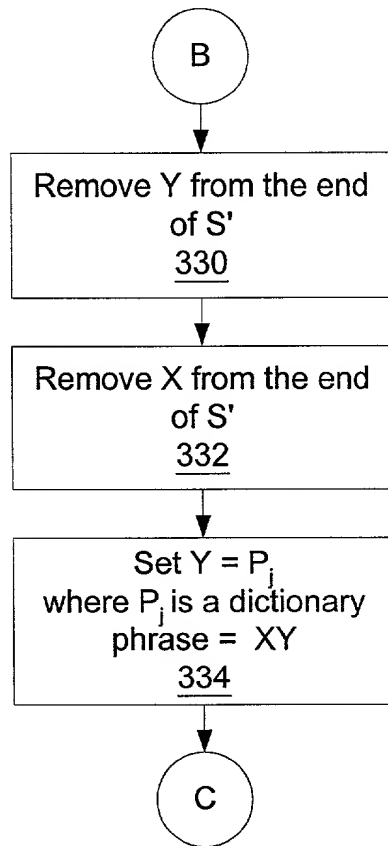


Figure 3c

Sequence (S) = abcdcdabcd

Line	Sequence so far	Compressed Sequence and phrase dictionary	X	Y
1	S = a	S' = a	-	a
2	S = ab	S' = ab	a	b
3	S = abc	S' = abc	b	c
4	S = abcd	S' = abcd	c	d
5	S = abcdc	S' = abcdc	d	c
6	S = abcdcd	S' = abP ₁ P ₁ P ₁ = cd	P ₁	P ₁
7	S = abcdcdca	S' = abP ₁ P ₁ a P ₁ = cd	P ₁	a
8	S = abcdcdab	S' = P ₂ P ₁ P ₁ P ₂ P ₁ = cd P ₂ = ab	P ₁	P ₂
9	S = abcdcdabc	S' = P ₂ P ₁ P ₁ P ₂ c P ₁ = cd P ₂ = ab	P ₂	c
10	S = abcdcdabcd	S' = P ₃ P ₁ P ₃ P ₁ = cd P ₂ = ab P ₃ = P ₂ P ₁	P ₁	P ₃

Figure 4

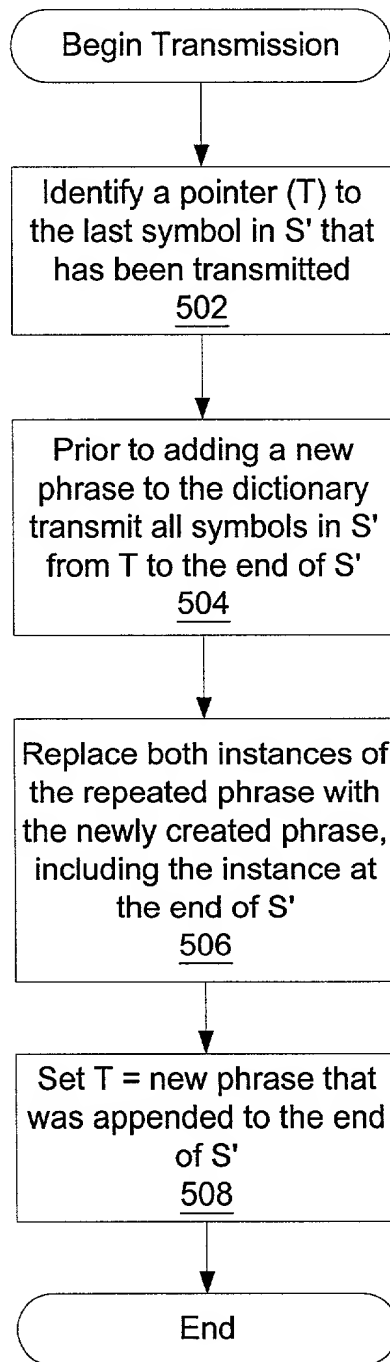


Figure 5

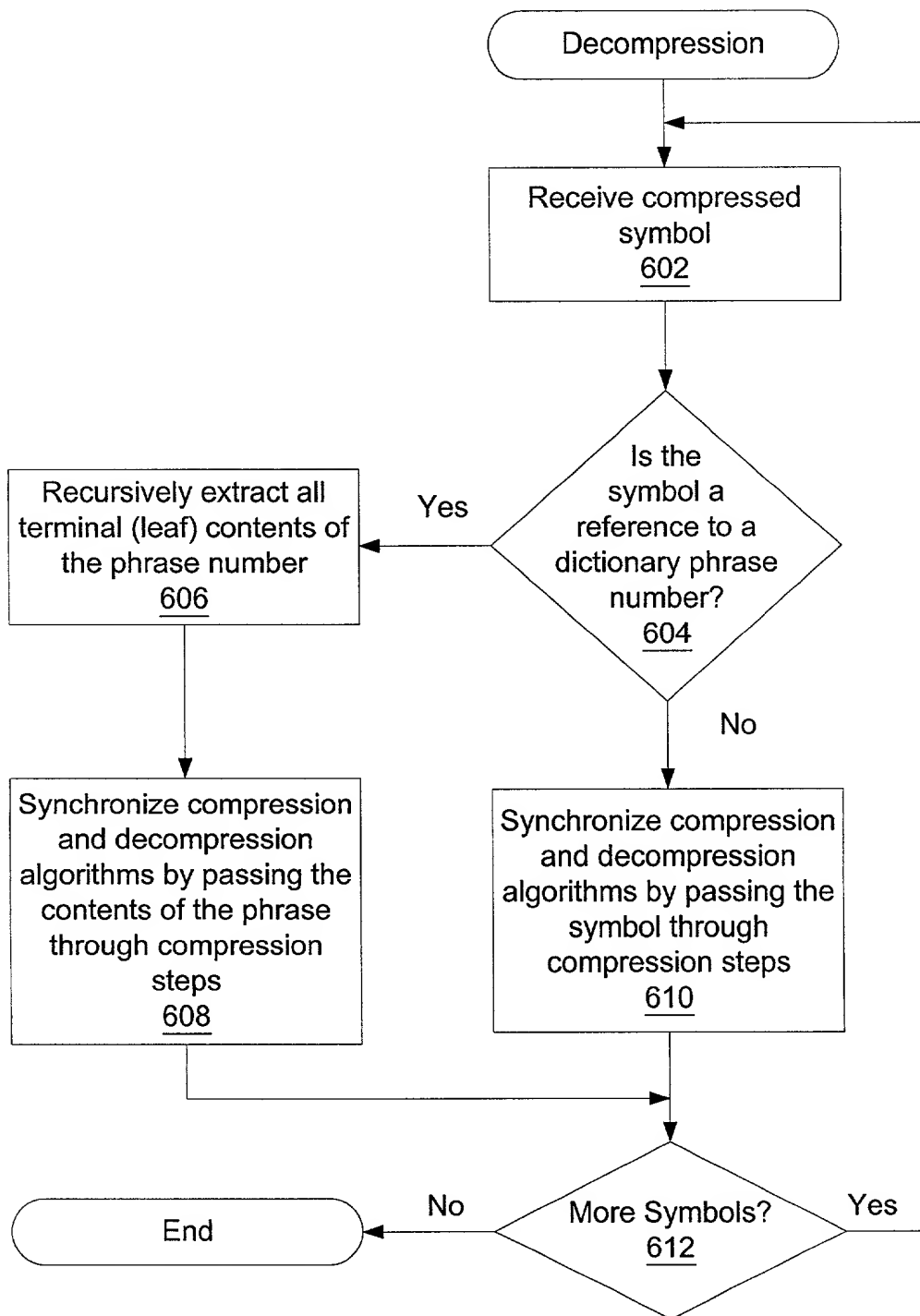


Figure 6

Sequence (S) = abababcabc

Line	Sequence so far	Compressed Sequence and phrase dictionary	Transmitted Contents
1	S = a	S' = a	-
2	S = ab	S' = ab	-
3	S = aba	S' = aba	-
4	S = abab	S' = P ₁ P ₁ P ₁ = ab	abab
5	S = ababa	S' = P ₁ P ₁ a	-
6	S = ababab	S' = P ₁ P ₁ P ₁ P ₁ = ab	-
7	S = abababc	S' = P ₁ P ₁ P ₁ c P ₁ = ab	-
8	S = abababca	S' = P ₁ P ₁ P ₁ ca P ₁ = ab	-
9	S = abababcab	S' = P ₁ P ₁ P ₁ cP ₁ P ₁ = ab	-
10	S = abababcabc	S' = P ₁ P ₁ P ₂ P ₂ P ₁ = ab P ₂ = P ₁ c	P ₁ cP ₁ c

Figure 7

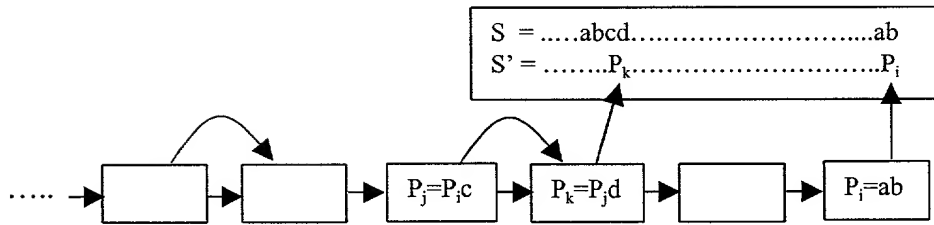


Figure 8a

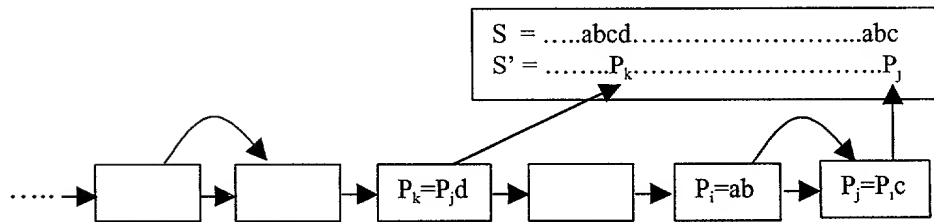


Figure 8b

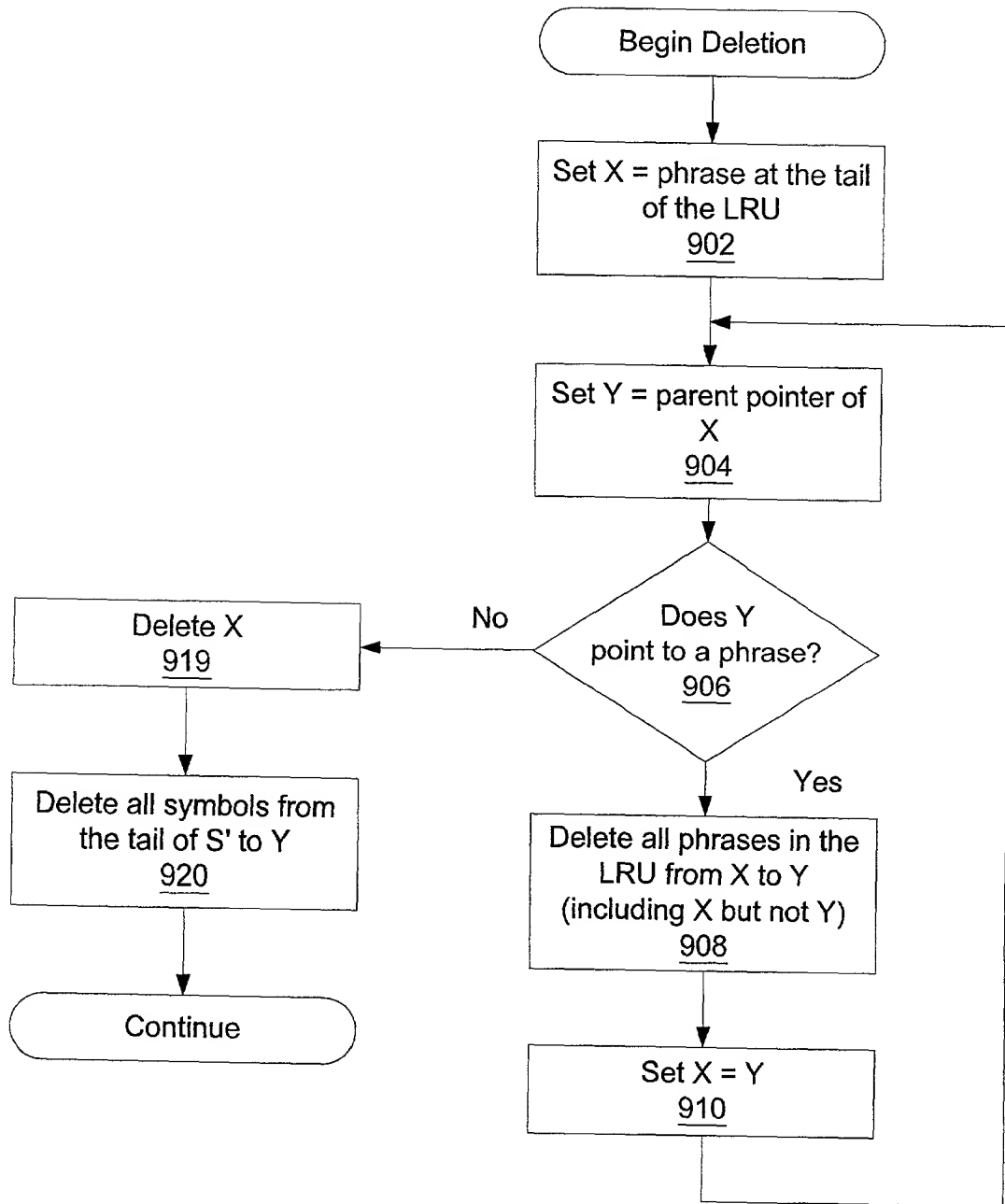


Figure 9